

AMENDMENT TO THE CLAIMS

This claim listing will replace all prior versions, and listings, of the claims in the application.

Listing of the Claims:

1-68. (canceled)

69. (previously presented) An isolated polynucleotide encoding a GPCR-like receptor wherein the polynucleotide comprises a sequence that is at least 98% identical to a sequence selected from the group consisting of SEQ ID NOS:104 and 106.

70. (previously presented) The polynucleotide according to claim 69 wherein said polynucleotide comprises a sequence set forth in SEQ ID NO:104.

71. (previously presented) A non-native host cell transformed or transfected with the polynucleotide according to claim 69.

72. (previously presented) A vector comprising the polynucleotide according to claim 69.

73. (previously presented) The vector according to claim 70 wherein said vector is an expression vector and said polynucleotide is operably linked to a polynucleotide comprising an expression control sequence.

74. (previously presented) A host cell transformed or transfected with the expression vector according to claim 73.

75. (previously presented) The host cell according to claim 74 wherein said host cell is selected from the group consisting of mammalian cells, insect cells, yeast cells, helminthic cells, and bacterial cells.

76. (previously presented) The host cell according to claim 75 herein said host cell is selected from the group consisting of a COS cell, a CHO cell, an HEK293 cell, a Drosophila S2 cell, an insect Sf9 cell, an insect High-5 cell, and an *Escherichia coli* cell.